

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23705Application No.  
10/646,712

## INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

(Use several sheets if necessary)

Applicant  
Hiroshi NOMURAFiling Date  
August 25, 2003Group  
2851

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLA SS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 8 4 1 3 2 3	06/20/89	MINORU et al.			
	2004 0 0 4 2 0 9 2	03/04/04	NOMURA			
	2004 0 1 4 1 7 3 5	07/22/04	NOMURA			
	2004 0 0 6 2 5 3 6	04/01/04	NOMURA			
	2004 0 0 4 2 7 7 6	03/04/04	NOMURA			
	6 1 8 5 3 7 5	02/06/01	KAZUO			
	5 7 1 5 4 8 2	02/03/98	WAKABAYASHI et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLA SS	SUBCLASS	TRANSLATION YES NO
	2000 - 0 2 3 0 0 2	01/21/00	JAPAN			
	6 - 3 0 8 5 9 2	11/04/94	JAPAN			
	7 - 1 9 9 0 1 9	08/04/95	JAPAN			
	5 - 3 1 3 2 2 6	11/26/93	JAPAN			
	7 - 2 9 5 0 5 0	11/10/95	JAPAN			
	9 - 0 0 5 8 4 9	01/10/97	JAPAN			
	61 - 1 3 3 9 3 3	06/21/86	JAPAN			
	2003 - 1 1 4 4 7 3	04/18/03	JAPAN			
	2004 - 2 5 7 5 5 5	09/16/04	JAPAN			
	2 3 9 4 7 8 7	05/05/04	UNITED KINGDOM			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English language Abstract of JP 2000-023002.
	2	English language Abstract of JP 6-308592.
	3	English language Abstract of JP 7-199019.
	4	English language Abstract of JP 5-313226.
	5	English language Abstract of JP 7-295050.
	6	English language Abstract of JP 9-5849.
	7	English language Abstract of JP 61-133933.
	8	English language Abstract of JP 2003-114473.

EXAMINER

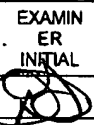

DATE CONSIDERED

04-13-2005

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			Filing Date August 25, 2003	Group 2851

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	TRADE MARK OFF FILING DATE IF APPROPRIATE	
		4	9	3	7	6	0	9	06/26/90	WAKABAYASI et al.				
		4	9	7	4	9	4	9	12/04/90	TANAKA				
		5	0	9	9	2	6	3	03/24/92	MATSUMOTO et al.				
		5	2	1	0	6	4	4	05/11/93	NOMURA				
		5	3	7	6	9	8	3	12/27/94	YAMAZAKI et al.				
		5	6	3	6	0	6	2	06/03/97	OKUYAMA et al.				
		5	8	7	0	2	3	2	02/09/99	TSUJI et al.				
		5	9	1	2	7	7	2	06/15/99	AOKI				
		5	9	2	6	3	2	2	07/20/99	IWASAKI				
		6	4	9	0	0	9	9	12/03/02	SASAKI				
		6	5	7	0	7	1	8	05/27/03	NOMURA et al.				
		6	6	1	1	6	6	3	08/26/03	NAKAGAWA				
		6	7	1	1	3	4	9	03/23/04	DIRISIO				
		6	7	5	7	4	8	9	06/29/04	NOMURA et al.				
		2001/	0	0	1	7	7	3	8	08/30/01	NOMURA et al.			
		2002/	0	1	8	1	9	5	3	12/05/02	ICHINOKAWA			
		2003/	0	0	0	7	7	9	6	01/09/03	NOMURA et al.			
			6	6	6	5	1	2	9	12/16/03	NOMURA et al.			
2003/		0	1	5	6	8	3	2	08/21/03	NOMURA et al.				

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.
	2	Pentax Press News, "Pentax Optio S", February 4, 2003, together with an English language translation of the same.
	3	Digital CAPA March 2003, which was publicly released on February 20, 2003, together with an English language translation of the same.
	4	Pentax News Release, "A High-Quality Zoom Lens Digital Camera so Small that it Fits into a Tin of Altoids", January 8, 2003.

EXAMINER

D. Gray

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		5	0	8	6	3	1	2	02/04/92	TANAKA et al.			
		5	7	6	5	0	4	9	06/09/98	HASE et al.			
		5	5	4	8	4	4	6	08/20/96	ENOMOTO			
		4	9	5	2	9	5	5	08/28/90	IWATA et al.			
		5	9	0	9	6	0	0	06/01/99	KOSAKO			
		4	5	4	5	6	6	1	10/08/85	HAMAGUCHI et al.			
		5	7	9	0	9	1	1	08/04/98	REIBL			
		5	7	9	0	9	0	7	08/04/98	REIBL			
		4	7	9	1	4	4	1	12/13/88	NISHI et al.			
		4	4	5	1	1	2	9	05/29/84	IKARI et al.			
		3	3	7	7	4	2	7	04/09/68	FISCHER			
		5	7	1	5	4	8	2	02/03/98	WAKABAYASHI et al.			
		4	5	9	7	6	5	7	07/01/86	WAKABAYASHI			

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	2003	-	1	4	9	7	2	3	05/21/03	JAPAN			X	
		0	5	9	8	7	0	3	05/25/94	E.P.O.				
		9	-	1	5	6	8	2	01/17/97	JAPAN				
		0	8	1	0	4	6	6	03/12/97	E.P.O.				
		3	3	1	7	9	9	9	11/24/83	GERMANY				
	1	9	6	2	3	0	6	6	12/11/97	GERMANY				
	8	-	3	1	3	7	9	0	11/29/96	JAPAN				
	6	-	2	3	0	2	6	3	08/19/94	JAPAN				
	10	-	2	5	4	0	5	4	09/25/98	JAPAN				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	5	English Language Abstract of JP 9-15682.
	6	English Language Abstract of JP 8-313790.
	7	English Language Abstract of JP 6-230263.
	8	English Language Abstract of JP 10-254054.
	9	English Language Abstract of JP 2003-149723.

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